

IDEAS

MAP



① world choropleth map
→ gdp's

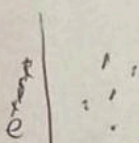


① Show critical minerals as locations

add the minerals on top?

→ Acs choropleth map

→ population change per region



③ Categorise for each state

import

age

Population

Birth rate

ASIA

SPAK

Europe

U.S.

AFRICA

South America

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

started work

time

Import/exports for each category by group

started bar chart for male/female population

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

Chord diagram

③

Thickens = trade amount

→ Select group of imports/exports

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

Heatmap for state and birth data

Combine age value

female per age

male per age

color based on gender split

Task: ~~ideas~~ Ideas

Author: Andrej Vokhrov

Date: 1/10/2024

Sheet: 1

Test: Data v/s 2

Filter:

Dropdown to switch between years to which data

→ Add slider/animation for population graph

→ Select broad category for imports/exports

→ Time scrubbing feature

→ tooltips for maps

Categorise

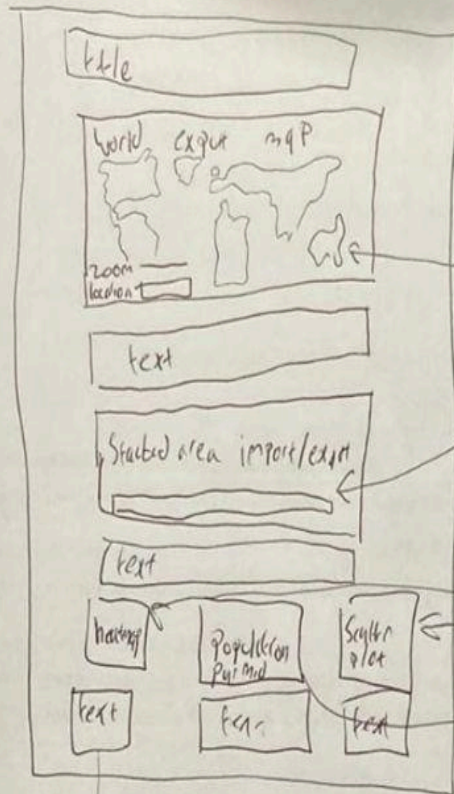
→ Map to ① Population ② to economic data ③

Questions

→ Is animation viable for running time?

→ Does the data connect to form a cohesive story?

Layout



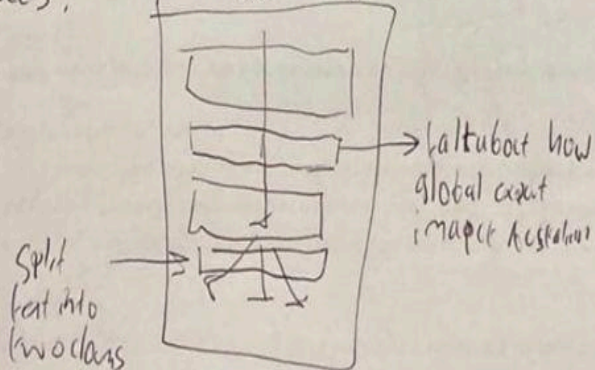
Title: Layout 1
 Author: Andrij Vornik
 Date 1/10/2024
 Sheet: 2
 Topic: Data Vis 2

Operations

- choose zoom level and location including the tooltip
- allow time based show/hide
- Zoom the graph to the relevant years
- Dropdown filters to select years
- Use slider/animation

Focus:

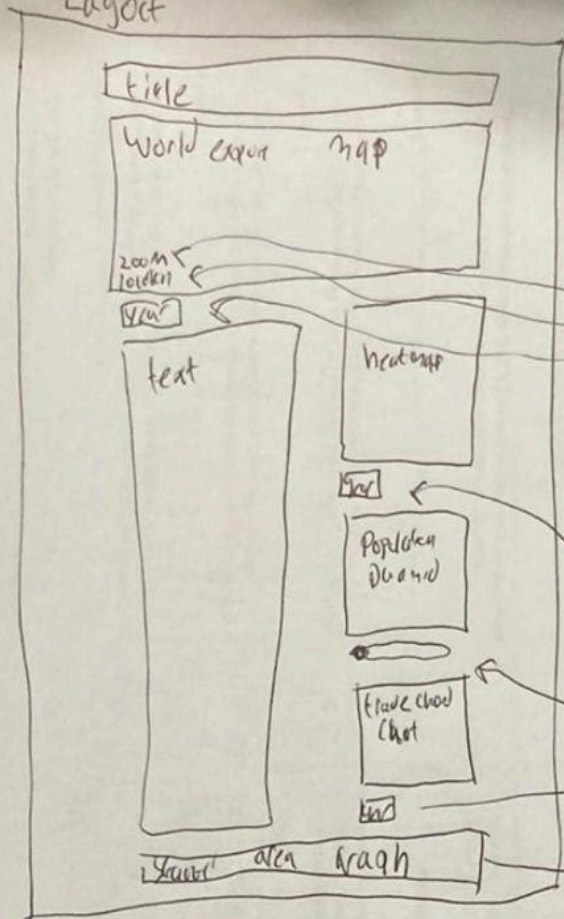
Visual flow



Discussion

- Does this allow for 10 words per line?
- Is this enough space along the bottom row to show graphs

Lagot



T.H. - 10000

Title: la gout 2

kyber: Andrij Voloniod

Date: 1/10/2024

Sheet: 3

Trust: Data vs 2

Operations

Operations
- Show room and

lochan kagk

Also include tooling

(c) show ~~that~~

Year 11 Selection

Drop down for year

Section to

Show State X region

add slower / animals

filter by row for

Chord (4th)

Drawdown for category

Shows both like and square

Answer

DISCUSSION

→ should the
normalization constraints
be the same within

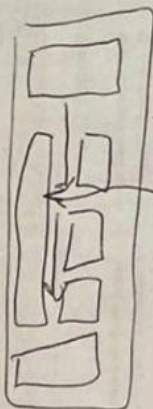
will loading time
an issue for
animation/ started
or growth

how will the data be cleaned

Focus:

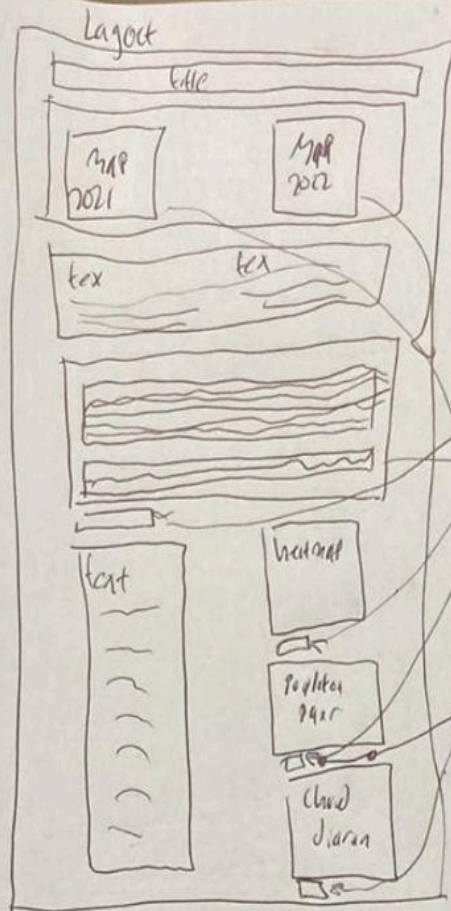
Storytelling →
has a consistent
flow

Skated area →
may be left
in habitat being
at the bottom



→ allow for
better spacing

Control width
to ensure 10
words per line

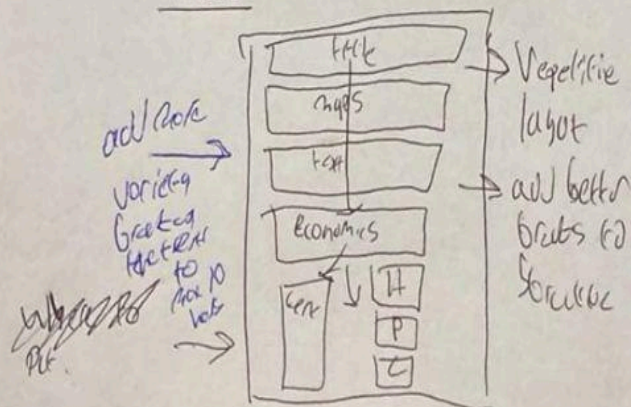


Title: layout 3
 Author: Andrius Varnas
 Date: 1/10/2024
 Sheet: 4
 Test: Data Vis 2

Options

- Dropdown to select Year/Category to dependent maps
- Fine brush for selecting the region in the stacked area
- add slider to allow the user to self animate the map
- add zoom + location to maps should be inherent

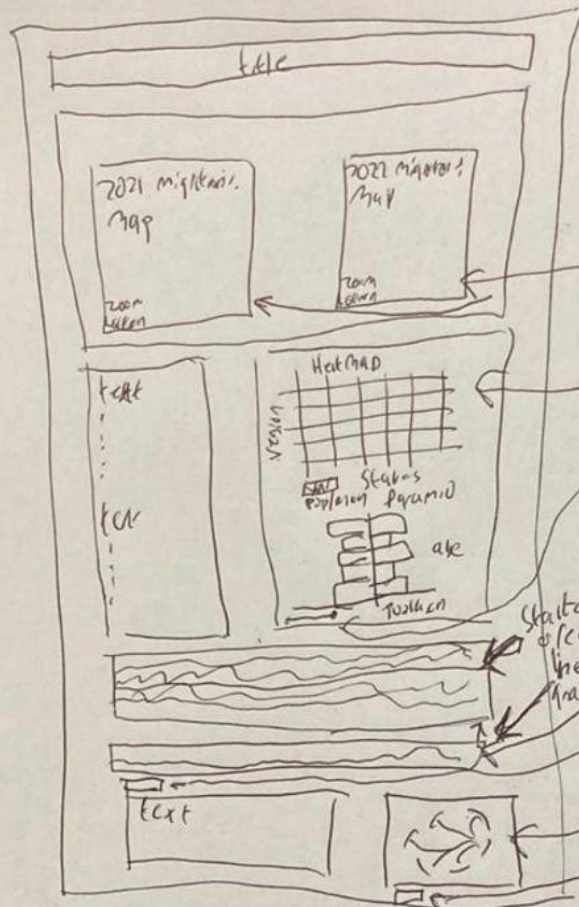
Focus



Discussion

- What color scheme to use to standardise data when there are more than 8 categories
- Do legends show all information loss - any?
- Where to put metadata

Layout



Title: Final Design
 Author: Andrej Vobniak
 Date: 1/10/2024
 Street: S
 Task: Data Vis 2

Operations:

Zoom and location
 for individual maps
 for 2021 and 2022

Drop down to select
 years

Slider to select
 year

Time brush for
 stacked area

Category select

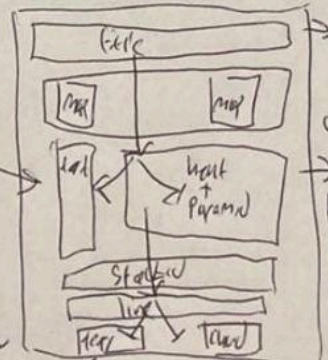
Chord track
 diagram

Drop down box
 for year

Files

Make sure
 text lines
 to data

What to put
 metadata



good
 eye down
 design

text next
 to idiom
 returns
 the
 relationship

meta data in bottom container

Detail

how to structure
 data with more than
 8 categories

use (SV) embedded
 data for json files
 json files are shown
 using a html layout
 1-2 weeks